

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1-14 (Cancelled)

15. (Currently Amended) : A rotating table apparatus comprising:

a househousing which has a gap portion;

a driven shaft supported by said housing and driven by an actuator;

a rotating table which is rotatingly driven by said driven shaft using a cam

and cam followers; and

oil that is for lubricating said cam and said cam followers and that is contained in said gap portion;

wherein said housing has an opposing surface which opposes an end surface of said rotating table,

wherein there is a space between said opposing surface and said end surface in a direction along a rotation axis of said rotating table, said space being between 0.005 mm and 0.2mm,

wherein said space is linked with said gap portion and a portion of said oil flows from said gap portion into said space,

wherein said cam is a roller gear cam and said rotating table intermittently rotates, and

wherein a tool is provided in said rotating table.

16-19 (Cancelled)

20. (Previously Presented) A rotating table apparatus according to Claim 15, further comprising a seal provided between said table and said housing for preventing said oil from leaking from said gap portion.